

# Global Indium Phosphide (InP) Materials Market Growth 2026-2032

<https://marketpublishers.com/r/G567AB50BD18EN.html>

Date: July 2026

Pages: 90

Price: US\$ 3,660.00 (Single User License)

ID: G567AB50BD18EN

## Abstracts

The global Indium Phosphide (InP) Materials market size is predicted to grow from US\$ 152 million in 2025 to US\$ 281 million in 2032; it is expected to grow at a CAGR of 8.1% from 2026 to 2032.

Indium Phosphide (InP) materials are III-V compound semiconductor materials composed of indium and phosphorus, featuring a direct bandgap, high electron mobility, strong high-frequency performance, and excellent optoelectronic conversion capability. Compared with silicon, InP is more suitable for high-speed, high-frequency, and optoelectronic integration applications. Common product forms include InP polycrystalline materials, InP single-crystal substrates, InP wafers, and InP epitaxial wafers. These materials are mainly used in optical communication lasers, photodetectors, modulators, optical modules, 5G/6G RF devices, millimeter-wave devices, LiDAR, infrared detection, and high-efficiency solar cells, making them essential base materials for high-speed optical communication and advanced optoelectronic devices. In 2025, global Indium Phosphide (InP) Materials production reached approximately 141 k units, with an average global market price of around 1100 USD/unit. The production capacity for Indium Phosphide (InP) Materials in 2025 was approximately 150 k units. The typical gross profit margin for Indium Phosphide (InP) Materials between 20% and 40%.

The Indium Phosphide (InP) materials market refers to the development, production, and sales of InP polycrystalline materials, single-crystal substrates, wafers, and epitaxial wafers, serving industries such as optical communications, high-speed data center optical modules, RF communications, sensing, detection, and advanced optoelectronic devices. In recent years, demand from AI data centers, 800G/1.6T optical modules, silicon photonics integration with InP lasers, 5G/6G communications, and

LiDAR has increased the strategic importance of InP materials in high-speed lasers, photodetectors, and photonic integrated circuits. Due to the difficulty of InP crystal growth, complex yield control, concentrated supplier base, and long customer qualification cycles, the market is characterized by high technical barriers, high product prices, and tight supply for advanced specifications.

LP Information, Inc. (LPI) ' newest research report, the "Indium Phosphide (InP) Materials Industry Forecast" looks at past sales and reviews total world Indium Phosphide (InP) Materials sales in 2025, providing a comprehensive analysis by region and market sector of projected Indium Phosphide (InP) Materials sales for 2026 through 2032. With Indium Phosphide (InP) Materials sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Indium Phosphide (InP) Materials industry.

This Insight Report provides a comprehensive analysis of the global Indium Phosphide (InP) Materials landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Indium Phosphide (InP) Materials portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Indium Phosphide (InP) Materials market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Indium Phosphide (InP) Materials and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Indium Phosphide (InP) Materials.

This report presents a comprehensive overview, market shares, and growth opportunities of Indium Phosphide (InP) Materials market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

InP Single Crystal Substrate

InP Polycrystalline

InP Epitaxial Wafer

Segmentation by Purity Grade:

Electronic Grade InP

Optoelectronic Grade InP

Segmentation by Conductivity Type:

N-type InP

P-type InP

Segmentation by Application:

Optical Communication/Telecommunications Networks

Data Centers/High-performance Computing (HPC)

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Sumitomo Electric

JX Nippon Mining & Metals

AXT

Freiberger

Zhuhai DT Wafer-Tech

Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry)

Guangdong Pingrui Semiconductor

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Indium Phosphide (InP) Materials market?

What factors are driving Indium Phosphide (InP) Materials market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Indium Phosphide (InP) Materials market opportunities vary by end market size?

How does Indium Phosphide (InP) Materials break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Indium Phosphide (InP) Materials Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Indium Phosphide (InP) Materials by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Indium Phosphide (InP) Materials by Country/Region, 2021, 2025 & 2032
- 2.2 Indium Phosphide (InP) Materials Segment by Type
  - 2.2.1 InP Single Crystal Substrate
  - 2.2.2 InP Polycrystalline
  - 2.2.3 InP Epitaxial Wafer
  - 2.2.4 Indium Phosphide (InP) Materials Sales by Type
    - 2.2.4.1 Global Indium Phosphide (InP) Materials Sales Market Share by Type (2021-2026)
    - 2.2.4.2 Global Indium Phosphide (InP) Materials Revenue and Market Share by Type (2021-2026)
    - 2.2.4.3 Global Indium Phosphide (InP) Materials Sale Price by Type (2021-2026)
- 2.3 Indium Phosphide (InP) Materials Segment by Purity Grade
  - 2.3.1 Electronic Grade InP
  - 2.3.2 Optoelectronic Grade InP
  - 2.3.3 Indium Phosphide (InP) Materials Sales by Purity Grade
    - 2.3.3.1 Global Indium Phosphide (InP) Materials Sales Market Share by Purity Grade (2021-2026)
    - 2.3.3.2 Global Indium Phosphide (InP) Materials Revenue and Market Share by Purity Grade (2021-2026)

2.3.3.3 Global Indium Phosphide (InP) Materials Sale Price by Purity Grade (2021-2026)

2.4 Indium Phosphide (InP) Materials Segment by Conductivity Type

2.4.1 N-type InP

2.4.2 P-type InP

2.4.3 Indium Phosphide (InP) Materials Sales by Conductivity Type

2.4.3.1 Global Indium Phosphide (InP) Materials Sales Market Share by Conductivity Type (2021-2026)

2.4.3.2 Global Indium Phosphide (InP) Materials Revenue and Market Share by Conductivity Type (2021-2026)

2.4.3.3 Global Indium Phosphide (InP) Materials Sale Price by Conductivity Type (2021-2026)

2.5 Indium Phosphide (InP) Materials Segment by Application

2.5.1 Optical Communication/Telecommunications Networks

2.5.2 Data Centers/High-performance Computing (HPC)

2.5.3 Others

2.5.4 Indium Phosphide (InP) Materials Sales by Application

2.5.4.1 Global Indium Phosphide (InP) Materials Sale Market Share by Application (2021-2026)

2.5.4.2 Global Indium Phosphide (InP) Materials Revenue and Market Share by Application (2021-2026)

2.5.4.3 Global Indium Phosphide (InP) Materials Sale Price by Application (2021-2026)

### **3 GLOBAL BY COMPANY**

3.1 Global Indium Phosphide (InP) Materials Breakdown Data by Company

3.1.1 Global Indium Phosphide (InP) Materials Annual Sales by Company (2021-2026)

3.1.2 Global Indium Phosphide (InP) Materials Sales Market Share by Company (2021-2026)

3.2 Global Indium Phosphide (InP) Materials Annual Revenue by Company (2021-2026)

3.2.1 Global Indium Phosphide (InP) Materials Revenue by Company (2021-2026)

3.2.2 Global Indium Phosphide (InP) Materials Revenue Market Share by Company (2021-2026)

3.3 Global Indium Phosphide (InP) Materials Sale Price by Company

3.4 Key Manufacturers Indium Phosphide (InP) Materials Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Indium Phosphide (InP) Materials Product Location Distribution

- 3.4.2 Players Indium Phosphide (InP) Materials Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR INDIUM PHOSPHIDE (INP) MATERIALS BY GEOGRAPHIC REGION**

- 4.1 World Historic Indium Phosphide (InP) Materials Market Size by Geographic Region (2021-2026)
  - 4.1.1 Global Indium Phosphide (InP) Materials Annual Sales by Geographic Region (2021-2026)
  - 4.1.2 Global Indium Phosphide (InP) Materials Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Indium Phosphide (InP) Materials Market Size by Country/Region (2021-2026)
  - 4.2.1 Global Indium Phosphide (InP) Materials Annual Sales by Country/Region (2021-2026)
  - 4.2.2 Global Indium Phosphide (InP) Materials Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Indium Phosphide (InP) Materials Sales Growth
- 4.4 APAC Indium Phosphide (InP) Materials Sales Growth
- 4.5 Europe Indium Phosphide (InP) Materials Sales Growth
- 4.6 Middle East & Africa Indium Phosphide (InP) Materials Sales Growth

## **5 AMERICAS**

- 5.1 Americas Indium Phosphide (InP) Materials Sales by Country
  - 5.1.1 Americas Indium Phosphide (InP) Materials Sales by Country (2021-2026)
  - 5.1.2 Americas Indium Phosphide (InP) Materials Revenue by Country (2021-2026)
- 5.2 Americas Indium Phosphide (InP) Materials Sales by Type (2021-2026)
- 5.3 Americas Indium Phosphide (InP) Materials Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

### 6.1 APAC Indium Phosphide (InP) Materials Sales by Region

#### 6.1.1 APAC Indium Phosphide (InP) Materials Sales by Region (2021-2026)

#### 6.1.2 APAC Indium Phosphide (InP) Materials Revenue by Region (2021-2026)

### 6.2 APAC Indium Phosphide (InP) Materials Sales by Type (2021-2026)

### 6.3 APAC Indium Phosphide (InP) Materials Sales by Application (2021-2026)

#### 6.4 China

#### 6.5 Japan

#### 6.6 South Korea

#### 6.7 Southeast Asia

#### 6.8 India

#### 6.9 Australia

#### 6.10 China Taiwan

## **7 EUROPE**

### 7.1 Europe Indium Phosphide (InP) Materials by Country

#### 7.1.1 Europe Indium Phosphide (InP) Materials Sales by Country (2021-2026)

#### 7.1.2 Europe Indium Phosphide (InP) Materials Revenue by Country (2021-2026)

### 7.2 Europe Indium Phosphide (InP) Materials Sales by Type (2021-2026)

### 7.3 Europe Indium Phosphide (InP) Materials Sales by Application (2021-2026)

#### 7.4 Germany

#### 7.5 France

#### 7.6 UK

#### 7.7 Italy

#### 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

### 8.1 Middle East & Africa Indium Phosphide (InP) Materials by Country

#### 8.1.1 Middle East & Africa Indium Phosphide (InP) Materials Sales by Country (2021-2026)

#### 8.1.2 Middle East & Africa Indium Phosphide (InP) Materials Revenue by Country (2021-2026)

### 8.2 Middle East & Africa Indium Phosphide (InP) Materials Sales by Type (2021-2026)

### 8.3 Middle East & Africa Indium Phosphide (InP) Materials Sales by Application (2021-2026)

#### 8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Indium Phosphide (InP) Materials

10.3 Manufacturing Process Analysis of Indium Phosphide (InP) Materials

10.4 Industry Chain Structure of Indium Phosphide (InP) Materials

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Indium Phosphide (InP) Materials Distributors

11.3 Indium Phosphide (InP) Materials Customer

## **12 WORLD FORECAST REVIEW FOR INDIUM PHOSPHIDE (INP) MATERIALS BY GEOGRAPHIC REGION**

12.1 Global Indium Phosphide (InP) Materials Market Size Forecast by Region

12.1.1 Global Indium Phosphide (InP) Materials Forecast by Region (2027-2032)

12.1.2 Global Indium Phosphide (InP) Materials Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Indium Phosphide (InP) Materials Forecast by Type (2027-2032)

12.7 Global Indium Phosphide (InP) Materials Forecast by Application (2027-2032)

## 13 KEY PLAYERS ANALYSIS

### 13.1 Sumitomo Electric

#### 13.1.1 Sumitomo Electric Company Information

#### 13.1.2 Sumitomo Electric Indium Phosphide (InP) Materials Product Portfolios and Specifications

#### 13.1.3 Sumitomo Electric Indium Phosphide (InP) Materials Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.1.4 Sumitomo Electric Main Business Overview

#### 13.1.5 Sumitomo Electric Latest Developments

### 13.2 JX Nippon Mining & Metals

#### 13.2.1 JX Nippon Mining & Metals Company Information

#### 13.2.2 JX Nippon Mining & Metals Indium Phosphide (InP) Materials Product Portfolios and Specifications

#### 13.2.3 JX Nippon Mining & Metals Indium Phosphide (InP) Materials Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.2.4 JX Nippon Mining & Metals Main Business Overview

#### 13.2.5 JX Nippon Mining & Metals Latest Developments

### 13.3 AXT

#### 13.3.1 AXT Company Information

#### 13.3.2 AXT Indium Phosphide (InP) Materials Product Portfolios and Specifications

#### 13.3.3 AXT Indium Phosphide (InP) Materials Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.3.4 AXT Main Business Overview

#### 13.3.5 AXT Latest Developments

### 13.4 Freiberger

#### 13.4.1 Freiberger Company Information

#### 13.4.2 Freiberger Indium Phosphide (InP) Materials Product Portfolios and Specifications

#### 13.4.3 Freiberger Indium Phosphide (InP) Materials Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.4.4 Freiberger Main Business Overview

#### 13.4.5 Freiberger Latest Developments

### 13.5 Zhuhai DT Wafer-Tech

#### 13.5.1 Zhuhai DT Wafer-Tech Company Information

#### 13.5.2 Zhuhai DT Wafer-Tech Indium Phosphide (InP) Materials Product Portfolios and Specifications

#### 13.5.3 Zhuhai DT Wafer-Tech Indium Phosphide (InP) Materials Sales, Revenue,

## Price and Gross Margin (2021-2026)

### 13.5.4 Zhuhai DT Wafer-Tech Main Business Overview

### 13.5.5 Zhuhai DT Wafer-Tech Latest Developments

## 13.6 Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry)

### 13.6.1 Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry)

## Company Information

### 13.6.2 Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry) Indium Phosphide (InP) Materials Product Portfolios and Specifications

### 13.6.3 Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry) Indium Phosphide (InP) Materials Sales, Revenue, Price and Gross Margin (2021-2026)

### 13.6.4 Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry) Main Business Overview

### 13.6.5 Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry) Latest Developments

## 13.7 Guangdong Pingrui Semiconductor

### 13.7.1 Guangdong Pingrui Semiconductor Company Information

### 13.7.2 Guangdong Pingrui Semiconductor Indium Phosphide (InP) Materials Product Portfolios and Specifications

### 13.7.3 Guangdong Pingrui Semiconductor Indium Phosphide (InP) Materials Sales, Revenue, Price and Gross Margin (2021-2026)

### 13.7.4 Guangdong Pingrui Semiconductor Main Business Overview

### 13.7.5 Guangdong Pingrui Semiconductor Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. Indium Phosphide (InP) Materials Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Indium Phosphide (InP) Materials Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of InP Single Crystal Substrate

Table 4. Major Players of InP Polycrystalline

Table 5. Major Players of InP Epitaxial Wafer

Table 6. Global Indium Phosphide (InP) Materials Sales by Type (2021-2026) & (K Pcs)

Table 7. Global Indium Phosphide (InP) Materials Sales Market Share by Type (2021-2026)

Table 8. Global Indium Phosphide (InP) Materials Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Indium Phosphide (InP) Materials Revenue Market Share by Type (2021-2026)

Table 10. Global Indium Phosphide (InP) Materials Sale Price by Type (2021-2026) & (US\$/Pc)

Table 11. Major Players of Electronic Grade InP

Table 12. Major Players of Optoelectronic Grade InP

Table 13. Global Indium Phosphide (InP) Materials Sales by Purity Grade (2021-2026) & (K Pcs)

Table 14. Global Indium Phosphide (InP) Materials Sales Market Share by Purity Grade (2021-2026)

Table 15. Global Indium Phosphide (InP) Materials Revenue by Purity Grade (2021-2026) & (\$ million)

Table 16. Global Indium Phosphide (InP) Materials Revenue Market Share by Purity Grade (2021-2026)

Table 17. Global Indium Phosphide (InP) Materials Sale Price by Purity Grade (2021-2026) & (US\$/Pc)

Table 18. Major Players of N-type InP

Table 19. Major Players of P-type InP

Table 20. Global Indium Phosphide (InP) Materials Sales by Conductivity Type (2021-2026) & (K Pcs)

Table 21. Global Indium Phosphide (InP) Materials Sales Market Share by Conductivity Type (2021-2026)

Table 22. Global Indium Phosphide (InP) Materials Revenue by Conductivity Type

(2021-2026) & (\$ million)

Table 23. Global Indium Phosphide (InP) Materials Revenue Market Share by Conductivity Type (2021-2026)

Table 24. Global Indium Phosphide (InP) Materials Sale Price by Conductivity Type (2021-2026) & (US\$/Pc)

Table 25. Global Indium Phosphide (InP) Materials Sale by Application (2021-2026) & (K Pcs)

Table 26. Global Indium Phosphide (InP) Materials Sale Market Share by Application (2021-2026)

Table 27. Global Indium Phosphide (InP) Materials Revenue by Application (2021-2026) & (\$ million)

Table 28. Global Indium Phosphide (InP) Materials Revenue Market Share by Application (2021-2026)

Table 29. Global Indium Phosphide (InP) Materials Sale Price by Application (2021-2026) & (US\$/Pc)

Table 30. Global Indium Phosphide (InP) Materials Sales by Company (2021-2026) & (K Pcs)

Table 31. Global Indium Phosphide (InP) Materials Sales Market Share by Company (2021-2026)

Table 32. Global Indium Phosphide (InP) Materials Revenue by Company (2021-2026) & (\$ millions)

Table 33. Global Indium Phosphide (InP) Materials Revenue Market Share by Company (2021-2026)

Table 34. Global Indium Phosphide (InP) Materials Sale Price by Company (2021-2026) & (US\$/Pc)

Table 35. Key Manufacturers Indium Phosphide (InP) Materials Producing Area Distribution and Sales Area

Table 36. Players Indium Phosphide (InP) Materials Products Offered

Table 37. Indium Phosphide (InP) Materials Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 38. New Products and Potential Entrants

Table 39. Market M&A Activity & Strategy

Table 40. Global Indium Phosphide (InP) Materials Sales by Geographic Region (2021-2026) & (K Pcs)

Table 41. Global Indium Phosphide (InP) Materials Sales Market Share Geographic Region (2021-2026)

Table 42. Global Indium Phosphide (InP) Materials Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 43. Global Indium Phosphide (InP) Materials Revenue Market Share by

**Geographic Region (2021-2026)**

Table 44. Global Indium Phosphide (InP) Materials Sales by Country/Region (2021-2026) & (K Pcs)

Table 45. Global Indium Phosphide (InP) Materials Sales Market Share by Country/Region (2021-2026)

Table 46. Global Indium Phosphide (InP) Materials Revenue by Country/Region (2021-2026) & (\$ millions)

Table 47. Global Indium Phosphide (InP) Materials Revenue Market Share by Country/Region (2021-2026)

Table 48. Americas Indium Phosphide (InP) Materials Sales by Country (2021-2026) & (K Pcs)

Table 49. Americas Indium Phosphide (InP) Materials Sales Market Share by Country (2021-2026)

Table 50. Americas Indium Phosphide (InP) Materials Revenue by Country (2021-2026) & (\$ millions)

Table 51. Americas Indium Phosphide (InP) Materials Sales by Type (2021-2026) & (K Pcs)

Table 52. Americas Indium Phosphide (InP) Materials Sales by Application (2021-2026) & (K Pcs)

Table 53. APAC Indium Phosphide (InP) Materials Sales by Region (2021-2026) & (K Pcs)

Table 54. APAC Indium Phosphide (InP) Materials Sales Market Share by Region (2021-2026)

Table 55. APAC Indium Phosphide (InP) Materials Revenue by Region (2021-2026) & (\$ millions)

Table 56. APAC Indium Phosphide (InP) Materials Sales by Type (2021-2026) & (K Pcs)

Table 57. APAC Indium Phosphide (InP) Materials Sales by Application (2021-2026) & (K Pcs)

Table 58. Europe Indium Phosphide (InP) Materials Sales by Country (2021-2026) & (K Pcs)

Table 59. Europe Indium Phosphide (InP) Materials Revenue by Country (2021-2026) & (\$ millions)

Table 60. Europe Indium Phosphide (InP) Materials Sales by Type (2021-2026) & (K Pcs)

Table 61. Europe Indium Phosphide (InP) Materials Sales by Application (2021-2026) & (K Pcs)

Table 62. Middle East & Africa Indium Phosphide (InP) Materials Sales by Country (2021-2026) & (K Pcs)

Table 63. Middle East & Africa Indium Phosphide (InP) Materials Revenue Market Share by Country (2021-2026)

Table 64. Middle East & Africa Indium Phosphide (InP) Materials Sales by Type (2021-2026) & (K Pcs)

Table 65. Middle East & Africa Indium Phosphide (InP) Materials Sales by Application (2021-2026) & (K Pcs)

Table 66. Key Market Drivers & Growth Opportunities of Indium Phosphide (InP) Materials

Table 67. Key Market Challenges & Risks of Indium Phosphide (InP) Materials

Table 68. Key Industry Trends of Indium Phosphide (InP) Materials

Table 69. Indium Phosphide (InP) Materials Raw Material

Table 70. Key Suppliers of Raw Materials

Table 71. Indium Phosphide (InP) Materials Distributors List

Table 72. Indium Phosphide (InP) Materials Customer List

Table 73. Global Indium Phosphide (InP) Materials Sales Forecast by Region (2027-2032) & (K Pcs)

Table 74. Global Indium Phosphide (InP) Materials Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 75. Americas Indium Phosphide (InP) Materials Sales Forecast by Country (2027-2032) & (K Pcs)

Table 76. Americas Indium Phosphide (InP) Materials Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 77. APAC Indium Phosphide (InP) Materials Sales Forecast by Region (2027-2032) & (K Pcs)

Table 78. APAC Indium Phosphide (InP) Materials Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 79. Europe Indium Phosphide (InP) Materials Sales Forecast by Country (2027-2032) & (K Pcs)

Table 80. Europe Indium Phosphide (InP) Materials Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 81. Middle East & Africa Indium Phosphide (InP) Materials Sales Forecast by Country (2027-2032) & (K Pcs)

Table 82. Middle East & Africa Indium Phosphide (InP) Materials Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Global Indium Phosphide (InP) Materials Sales Forecast by Type (2027-2032) & (K Pcs)

Table 84. Global Indium Phosphide (InP) Materials Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 85. Global Indium Phosphide (InP) Materials Sales Forecast by Application

(2027-2032) & (K Pcs)

Table 86. Global Indium Phosphide (InP) Materials Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 87. Sumitomo Electric Basic Information, Indium Phosphide (InP) Materials Manufacturing Base, Sales Area and Its Competitors

Table 88. Sumitomo Electric Indium Phosphide (InP) Materials Product Portfolios and Specifications

Table 89. Sumitomo Electric Indium Phosphide (InP) Materials Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 90. Sumitomo Electric Main Business

Table 91. Sumitomo Electric Latest Developments

Table 92. JX Nippon Mining & Metals Basic Information, Indium Phosphide (InP) Materials Manufacturing Base, Sales Area and Its Competitors

Table 93. JX Nippon Mining & Metals Indium Phosphide (InP) Materials Product Portfolios and Specifications

Table 94. JX Nippon Mining & Metals Indium Phosphide (InP) Materials Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 95. JX Nippon Mining & Metals Main Business

Table 96. JX Nippon Mining & Metals Latest Developments

Table 97. AXT Basic Information, Indium Phosphide (InP) Materials Manufacturing Base, Sales Area and Its Competitors

Table 98. AXT Indium Phosphide (InP) Materials Product Portfolios and Specifications

Table 99. AXT Indium Phosphide (InP) Materials Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 100. AXT Main Business

Table 101. AXT Latest Developments

Table 102. Freiburger Basic Information, Indium Phosphide (InP) Materials Manufacturing Base, Sales Area and Its Competitors

Table 103. Freiburger Indium Phosphide (InP) Materials Product Portfolios and Specifications

Table 104. Freiburger Indium Phosphide (InP) Materials Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 105. Freiburger Main Business

Table 106. Freiburger Latest Developments

Table 107. Zhuhai DT Wafer-Tech Basic Information, Indium Phosphide (InP) Materials Manufacturing Base, Sales Area and Its Competitors

Table 108. Zhuhai DT Wafer-Tech Indium Phosphide (InP) Materials Product Portfolios and Specifications

Table 109. Zhuhai DT Wafer-Tech Indium Phosphide (InP) Materials Sales (K Pcs),

Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 110. Zhuhai DT Wafer-Tech Main Business

Table 111. Zhuhai DT Wafer-Tech Latest Developments

Table 112. Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry)  
Basic Information, Indium Phosphide (InP) Materials Manufacturing Base, Sales Area  
and Its Competitors

Table 113. Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry)  
Indium Phosphide (InP) Materials Product Portfolios and Specifications

Table 114. Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry)  
Indium Phosphide (InP) Materials Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pc)  
and Gross Margin (2021-2026)

Table 115. Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry) Main  
Business

Table 116. Xinyao Semiconductor (Yunnan Lincang Xinyuan Germanium Industry)  
Latest Developments

Table 117. Guangdong Pingrui Semiconductor Basic Information, Indium Phosphide  
(InP) Materials Manufacturing Base, Sales Area and Its Competitors

Table 118. Guangdong Pingrui Semiconductor Indium Phosphide (InP) Materials  
Product Portfolios and Specifications

Table 119. Guangdong Pingrui Semiconductor Indium Phosphide (InP) Materials Sales  
(K Pcs), Revenue (\$ Million), Price (US\$/Pc) and Gross Margin (2021-2026)

Table 120. Guangdong Pingrui Semiconductor Main Business

Table 121. Guangdong Pingrui Semiconductor Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Indium Phosphide (InP) Materials
- Figure 2. Indium Phosphide (InP) Materials Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Indium Phosphide (InP) Materials Sales Growth Rate 2021-2032 (K Pcs)
- Figure 7. Global Indium Phosphide (InP) Materials Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Indium Phosphide (InP) Materials Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Indium Phosphide (InP) Materials Sales Market Share by Country/Region (2025)
- Figure 10. Indium Phosphide (InP) Materials Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of InP Single Crystal Substrate
- Figure 12. Product Picture of InP Polycrystalline
- Figure 13. Product Picture of InP Epitaxial Wafer
- Figure 14. Global Indium Phosphide (InP) Materials Sales Market Share by Type in 2026
- Figure 15. Global Indium Phosphide (InP) Materials Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Electronic Grade InP
- Figure 17. Product Picture of Optoelectronic Grade InP
- Figure 18. Global Indium Phosphide (InP) Materials Sales Market Share by Purity Grade in 2026
- Figure 19. Global Indium Phosphide (InP) Materials Revenue Market Share by Purity Grade (2021-2026)
- Figure 20. Product Picture of N-type InP
- Figure 21. Product Picture of P-type InP
- Figure 22. Global Indium Phosphide (InP) Materials Sales Market Share by Conductivity Type in 2026
- Figure 23. Global Indium Phosphide (InP) Materials Revenue Market Share by Conductivity Type (2021-2026)
- Figure 24. Indium Phosphide (InP) Materials Consumed in Optical

## Communication/Telecommunications Networks

Figure 25. Global Indium Phosphide (InP) Materials Market: Optical

Communication/Telecommunications Networks (2021-2026) & (K Pcs)

Figure 26. Indium Phosphide (InP) Materials Consumed in Data Centers/High-performance Computing (HPC)

Figure 27. Global Indium Phosphide (InP) Materials Market: Data Centers/High-performance Computing (HPC) (2021-2026) & (K Pcs)

Figure 28. Indium Phosphide (InP) Materials Consumed in Others

Figure 29. Global Indium Phosphide (InP) Materials Market: Others (2021-2026) & (K Pcs)

Figure 30. Global Indium Phosphide (InP) Materials Sale Market Share by Application (2025)

Figure 31. Global Indium Phosphide (InP) Materials Revenue Market Share by Application in 2025

Figure 32. Indium Phosphide (InP) Materials Sales by Company in 2025 (K Pcs)

Figure 33. Global Indium Phosphide (InP) Materials Sales Market Share by Company in 2025

Figure 34. Indium Phosphide (InP) Materials Revenue by Company in 2025 (\$ millions)

Figure 35. Global Indium Phosphide (InP) Materials Revenue Market Share by Company in 2025

Figure 36. Global Indium Phosphide (InP) Materials Sales Market Share by Geographic Region (2021-2026)

Figure 37. Global Indium Phosphide (InP) Materials Revenue Market Share by Geographic Region in 2025

Figure 38. Americas Indium Phosphide (InP) Materials Sales 2021-2026 (K Pcs)

Figure 39. Americas Indium Phosphide (InP) Materials Revenue 2021-2026 (\$ millions)

Figure 40. APAC Indium Phosphide (InP) Materials Sales 2021-2026 (K Pcs)

Figure 41. APAC Indium Phosphide (InP) Materials Revenue 2021-2026 (\$ millions)

Figure 42. Europe Indium Phosphide (InP) Materials Sales 2021-2026 (K Pcs)

Figure 43. Europe Indium Phosphide (InP) Materials Revenue 2021-2026 (\$ millions)

Figure 44. Middle East & Africa Indium Phosphide (InP) Materials Sales 2021-2026 (K Pcs)

Figure 45. Middle East & Africa Indium Phosphide (InP) Materials Revenue 2021-2026 (\$ millions)

Figure 46. Americas Indium Phosphide (InP) Materials Sales Market Share by Country in 2025

Figure 47. Americas Indium Phosphide (InP) Materials Revenue Market Share by Country (2021-2026)

Figure 48. Americas Indium Phosphide (InP) Materials Sales Market Share by Type

(2021-2026)

Figure 49. Americas Indium Phosphide (InP) Materials Sales Market Share by Application (2021-2026)

Figure 50. United States Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 51. Canada Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 52. Mexico Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 53. Brazil Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 54. APAC Indium Phosphide (InP) Materials Sales Market Share by Region in 2025

Figure 55. APAC Indium Phosphide (InP) Materials Revenue Market Share by Region (2021-2026)

Figure 56. APAC Indium Phosphide (InP) Materials Sales Market Share by Type (2021-2026)

Figure 57. APAC Indium Phosphide (InP) Materials Sales Market Share by Application (2021-2026)

Figure 58. China Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 59. Japan Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 60. South Korea Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 61. Southeast Asia Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 62. India Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 63. Australia Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 64. China Taiwan Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 65. Europe Indium Phosphide (InP) Materials Sales Market Share by Country in 2025

Figure 66. Europe Indium Phosphide (InP) Materials Revenue Market Share by Country (2021-2026)

Figure 67. Europe Indium Phosphide (InP) Materials Sales Market Share by Type (2021-2026)

Figure 68. Europe Indium Phosphide (InP) Materials Sales Market Share by Application (2021-2026)

Figure 69. Germany Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 70. France Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 71. UK Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 72. Italy Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 73. Russia Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 74. Middle East & Africa Indium Phosphide (InP) Materials Sales Market Share by Country (2021-2026)

Figure 75. Middle East & Africa Indium Phosphide (InP) Materials Sales Market Share by Type (2021-2026)

Figure 76. Middle East & Africa Indium Phosphide (InP) Materials Sales Market Share by Application (2021-2026)

Figure 77. Egypt Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 78. South Africa Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 79. Israel Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 80. Turkey Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 81. GCC Countries Indium Phosphide (InP) Materials Revenue Growth 2021-2026 (\$ millions)

Figure 82. Manufacturing Cost Structure Analysis of Indium Phosphide (InP) Materials in 2026

Figure 83. Manufacturing Process Analysis of Indium Phosphide (InP) Materials

Figure 84. Industry Chain Structure of Indium Phosphide (InP) Materials

Figure 85. Channels of Distribution

Figure 86. Global Indium Phosphide (InP) Materials Sales Market Forecast by Region (2027-2032)

Figure 87. Global Indium Phosphide (InP) Materials Revenue Market Share Forecast by Region (2027-2032)

Figure 88. Global Indium Phosphide (InP) Materials Sales Market Share Forecast by Type (2027-2032)

Figure 89. Global Indium Phosphide (InP) Materials Revenue Market Share Forecast by Type (2027-2032)

Figure 90. Global Indium Phosphide (InP) Materials Sales Market Share Forecast by Application (2027-2032)

Figure 91. Global Indium Phosphide (InP) Materials Revenue Market Share Forecast by Application (2027-2032)

## I would like to order

Product name: Global Indium Phosphide (InP) Materials Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G567AB50BD18EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G567AB50BD18EN.html>